

Converting Colors

Hex(D97226)

Have a look what the booklet for
Hex(D97226) contains.

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Color

Hex(D97226)

Conversions

Conversions Part 1

Format	Color
Hex	D97226
RGB	217, 114, 38
RGB Percent	85%, 45%, 15%
CMY	0.1490, 0.5529, 0.8510
CMYK	0.00, 0.47, 0.82, 0.15
HSL	25°, 70%, 50%
HSV	25°, 82%, 85%
XYZ	34.9824, 26.9263, 5.1872
YIQ	136.1330, 85.7840, -1.8000

Conversions

Conversions Part 2

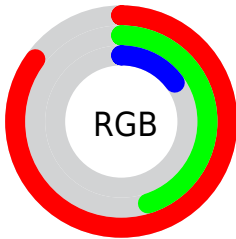
Format	Color
RYB	217, 170, 38
Decimal	14250534
CIELab	58.91, 35.45, 56.65
CIElCh	59, 66.825, 57.960
Yxy	26.9263, 0.5214, 0.4013
Android (android.graphics.Color)	4292440614 (0xFFD97226)
YUV	136.1330, -48.3796, 70.9204
Hunter-Lab	51.8905, 29.5288, 30.3965

Details

The Hex color **D97226** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **268DD9**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA75A**, and **9B4000** is the 20% darker color. If you saturate the color by 10%, you get **D96610**, and if you desaturate by 10%, it is **D97E3C**.

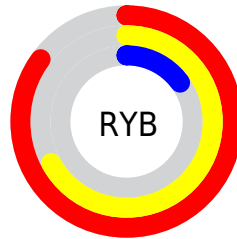
Distribution



Red (85%)

Green (45%)

Blue (15%)



Red (85%)

Yellow (67%)

Blue (15%)

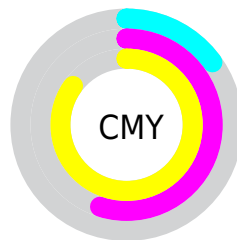


Cyan (0%)

Magenta (47%)

Yellow (82%)

Black (15%)



Cyan (15%)

Magenta (55%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color D97226 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color D97226 by changing the saturation by 10% instead.

 D97226

 D97226

FFFFFF

 BA5906

 FFA75A

 9B4000

 FFC374

 7D2700

 FFDF8E

 600C00

 FFFCAA

 430000

 FFFFC6

 2B0001

 FFFF E2

 000000

 D97226

 D97226

 D96610

 D97E3C

 D95C00

 D98B51

 D99767

 D9A47D

 D9B093

 D9BDA8

 D9C9BE

 D9D6D4

 D9E2E9

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F3595A



D97226



AD8A00

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D97226



00A888



8480F6

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



D97226



268DD9

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0096FF



D97226



00A8C3

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D97226



00A44C



00A3F1



D064CD

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D97226



889600



00A3F1



5988FE

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



D97226



FFDABF



D9268E



806959



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



D97226



FF6E03



D9CA26



6E6763



AD4A00



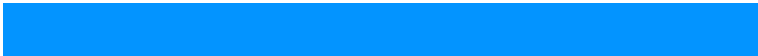
2E1300

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



268DD9



0394FF



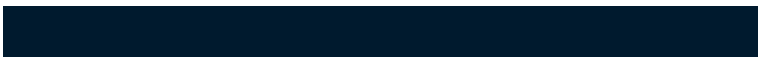
2635D9



63696E



0064AD



001A2E

Previews

White Background



This preview shows how the Hex color D97226 looks on a white background.

Color Contrast Check

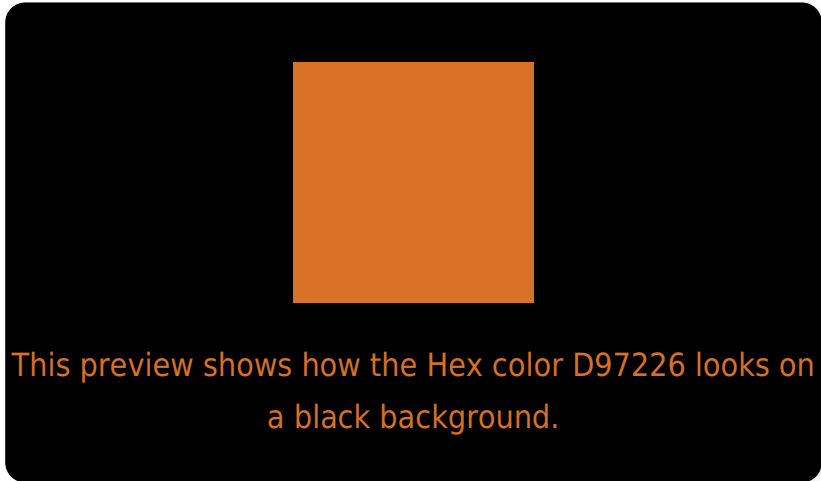
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D97226 Background



This preview shows how black text looks on a background with the Hex color D97226.



This preview shows how white text looks on a background with the Hex color D97226.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

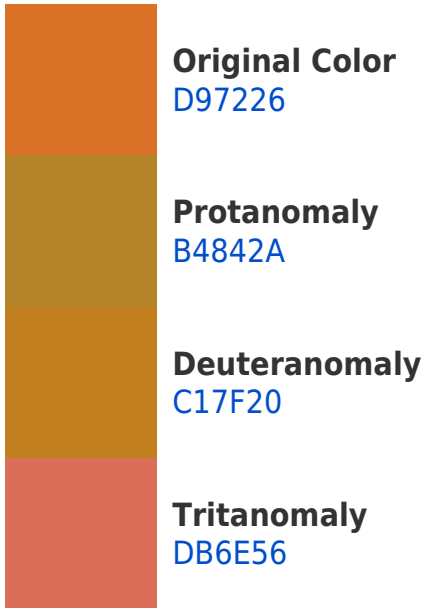


Original Color
D97226

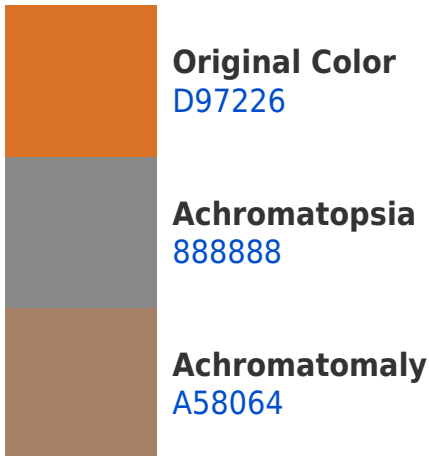
Protanopia
9F8F2D

Deuteranopia
B3871D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D97226 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D97226 looks like.

```
.text, #text, p{  
    color:#D97226  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D97226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D97226
}
```

Border

The CSS property to change the border of an element to Hex D97226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

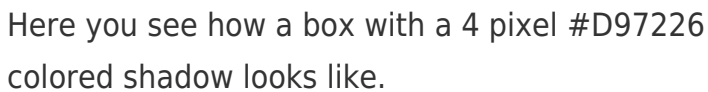
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D97226 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#D97226 }
```

If you want to add a box shadow in that color use:

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #D97226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D97226; -webkit-box-shadow:4px 4px  
4px 4px #D97226; box-shadow:4px 4px 4px  
4px #D97226 }
```

Background

The CSS property to change the background color of an element to Hex D97226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D97226 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D97226 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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